

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/770,225	01/29/2001	Chang-nam Chu	Q62215	2207

7590 06/15/2004

SUGHRUE, MION, ZINN  
MACPEAK & SEAS, PLLC  
2100 Pennsylvania Avenue, N.W.  
Washington, DC 20037-3202

EXAMINER

PARTHASARATHY, PRAMILA

ART UNIT

PAPER NUMBER

2136

DATE MAILED: 06/15/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/770,225	CHU, CHANG-NAM	
	<b>Examiner</b>	<b>Art Unit</b>	
	Pramila Parthasarathy	2136	

*-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --*

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(d).

## Status

- 1)  Responsive to communication(s) filed on 28 May 2004.

2a)  This action is **FINAL**.                            2b)  This action is non-final.

3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4)  Claim(s) 1 - 22 is/are pending in the application.  
4a) Of the above claim(s) 1-14 is/are withdrawn from consideration.  
5)  Claim(s) \_\_\_\_\_ is/are allowed.  
6)  Claim(s) 15 - 22 is/are rejected.  
7)  Claim(s) \_\_\_\_\_ is/are objected to.  
8)  Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9)  The specification is objected to by the Examiner.

10)  The drawing(s) filed on \_\_\_\_\_ is/are: a)  accepted or b)  objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)  The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a)  All b)  Some \* c)  None of:  
1.  Certified copies of the priority documents have been received.  
2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a))

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1)  Notice of References Cited (PTO-892)  
2)  Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3)  Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.  
4)  Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_.  
5)  Notice of Informal Patent Application (PTO-152)  
6)  Other: \_\_\_\_\_

**DETAILED ACTION**

1. This action is in response to the communication filed on 05/28/2004.

Preliminary amendments to the specification were filed on 05/28/2004

Claims 1 – 14 were cancelled. Claims 15 – 22 were received for consideration.

Claims 15 – 22 are currently being considered.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 15 – 22 are rejected under 35 U.S.C. 102(e) as being anticipated by Colosso (Patent No.: 6,169,976).

Regarding Claim 15, Colosso teaches and describes a method of enabling a site server and a customer to share at least one of a contents encryption and a contents decryption key (Fig. 1, 2A-F, 3, 5; and Column 1 line 7 – Column 16 line 56), the method comprising:

the site server receiving personal information of the customer (Fig. 2A and Column 2 lines 34 – 51);

generating a unique encryption key corresponding to the received personal information of the customer (Fig. 2A, 2F; and Column 2 lines 34 – 51); and

transmitting the generated encryption key to the customer (Fig. 2F and Column 3 line 45 – Column 4 line 6).

Regarding Claim 18, Colosso teaches and describes a method of enabling a site server and a customer to share at least one of a contents encryption and a contents decryption key (Fig. 1, 2A-F, 3, 5; and Column 1 line 7 – Column 16 line 56), the method comprising:

the customer transmitting personal information of the customer (Fig. 2A and Column 2 lines 34 – 51); and

receiving a unique specific encryption key corresponding to the personal information of the customer (Fig. 2F and Column 3 line 45 – Column 4 line 6).

Regarding Claim 21, Colosso teaches and describes a contents encryption method (Fig. 1, 2A-F, 3, 5; and Column 1 line 7 – Column 16 line 56) comprising:

receiving personal information of a customer (Fig. 2A and Column 2 lines 34 – 51);

generating a unique encryption key corresponding to the personal information of the customer (Fig. 2A, 2F; Column 2 lines 34 – 51); and  
encrypting contents using the encryption key (Fig. 2B – D; Column 2 lines 34 – 51 and Column 8 line 18 – Column 9 line 6).

Regarding Claim 22, Colosso teaches and describes a content decryption method (Fig. 1, 2A-F, 3, 5; and Column 1 line 7 – Column 16 line 56) comprising:

transmitting personal information of a customer (Fig. 2A and Column 2 lines 34 – 51);

receiving a unique encryption key corresponding to the personal information of the customer (Fig. 2F and Column 3 line 45 – Column 4 line 6);  
and

decrypting encrypted contents using the encryption key (Fig. 2F and Column 15 lines 45 – 60).

Claim 16 is rejected as applied above in rejecting claim 15. Furthermore, Colosso teaches and describes a method of enabling a site server and a customer to share at least one of a contents encryption and a contents decryption key (Fig. 1, 2A-F, 3, 5; and Column 1 line 7 – Column 16 line 56), wherein the personal information of the customer is generated based on a resident registration number of the customer (Fig. 2D; Column 2 line 34 – Column 3 line 31 and Column 11 line 57 – Column 14 line 29).

Claim 17 is rejected as applied above in rejecting claim 15. Furthermore, Colosso teaches and describes a method of enabling a site server and a customer to share at least one of a contents encryption and a contents decryption key (Fig. 1, 2A-F, 3, 5; and Column 1 line 7 – Column 16 line 56), further comprising:

storing the personal information of the customer and the encryption key (Fig. 2F, 3; Column 3 lines 45 – 67 and Column 10 lines 16 - 19); and generating a customer database using the stored personal information and encryption key (Column 3 lines 1 – 14; Column 11 lines 9 – 20 and lines 58 – 67).

Claim 19 is rejected as applied above in rejecting claim 18. Furthermore, Colosso teaches and describes a method of enabling a site server and a customer to share at least one of a contents encryption and a contents decryption key (Fig. 1, 2A-F, 3, 5; and Column 1 line 7 – Column 16 line 56), wherein the personal information of the customer is generated based on a resident registration number of the customer (Fig. 2D; Column 2 line 34 – Column 3 line 31 and Column 11 line 57 – Column 14 line 29).

Claim 20 is rejected as applied above in rejecting claim 18. Furthermore, Colosso teaches and describes a method of enabling a site server and a customer to share at least one of a contents encryption and a contents decryption key (Fig. 1, 2A-F, 3, 5; and Column 1 line 7 – Column 16 line 56),

further comprising storing the personal information of the customer and the encryption key (Fig. 2F, 3; Column 3 lines 45 – 67 and Column 10 lines 16 –19 ).

### ***Conclusion***

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Fortenberry et al. (U.S. Patent Number : 6,005,939) Method and apparatus for storing an internet user's identity and access rights to world wide web resources.

4. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks, Washington, D.C.

20231 or faxed to: (703) 872-9306 for all formal communications.

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Fourth Floor (Receptionist).

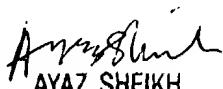
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Pramila Parthasarathy whose telephone number is 703-305-8912. The examiner can normally be reached on 8:00a.m. To 5:00p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on 703-305-9648. The fax

phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Pramila Parthasarathy  
June 12, 2004

  
AYAZ SHEIKH  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100